



FIELD CHANGE ORDER

Service

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**service
recommendation**

***easy DIAGNOST 15/30
easy DIAGNOST 45/90***

APPLIES TO:

easy DIAGNOST 15/30 and
easy DIAGNOST 45/90 with
OPTIMUS generator and BUCO

TITLE:

Exposure Release problems in Free Exposure Mode

LIST OF PAGES AND DRAWINGS:

1 ... 2 (99.0)

SYMPTOM:

When free exposure mode is selected a second exposure
can be released under special circumstances.

REMEDY:

New programming in section - RGDV 8 - Data Set A:
Program syncmaster from "NO" to "YES".

MANPOWER / TIME TO COMPLETE:

1 engineer / 0.5 hours

TOOLS & TEST EQUIPMENT:

- Standard set of tools
- Service PC with XRGSCOPE
- Optimus Service Manual (on Site)
- XRGSCOPE service program (on site)
- XRGSCOPE Service cable
- PC HW key for fault finding
- mAs meter

MODIFICATION KIT / PARTS REQUIRED:

No items are required.

PROCEDURE:

- Switch OFF the system.
- Open the OPTIMUS cover.
- Connect the Service PC with XRG scope cable to X5 on EZ 139 (Central unit CU).
- Attach the HW key to the PC.
- Switch on the PC.
- Insert in the PC the floppy disc with the service xrgscope program.
- Call the program with **xrgscope** or with **xrgscope lcd** for PCs with LCD screen.
- Enter your password. (If PC HW key is in.)
- Switch "ON" the system.

Function check:

1. Read error log & save the data on the PC. (If HW key is in.)

- Enter the program under section:
OPTIMUS/Faultfinding/Logging table/Error log/Error Log Index and save the data with **F3**.
- Send the Error log via BBS to DMC Hamburg.

2. New programming

- Enter the section "syncmaster" under:
OPTIMUS/PROGRAM/Registration Devices/RGDV8/Data Set A/Syncmaster present (e.g. grid contact).
- Check whether this item is programmed to **"YES"**.
- If not, program this item from **"NO"** to **"YES"**.
- Press "Transmit" (F2).
- Switch the generator **"OFF"** and **"ON"**.
- Disconnect the PC.

Function check:

- Connect an mAs meter to the OPTIMUS. Check the measured value in accordance with the displayed value on generator control desk.
- Select RGDV 8 and check the system under several exposure conditions. (As used on site.)
- Remove the mAs meter.
- Close the OPTIMUS cover.

3. Handing over the system to customer site.

4. File the FCO into the system manual "Service-information".